

(Absence of an entry indicates that trees generally do not grow to the given height.)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
AddA:					
Avonburg-----	American elder, black chokeberry, common winterberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
AddB2:					
Avonburg-----	American elder, black chokeberry, common winterberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ar:					
Armiesburg-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Ay:					
Ayrshire-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, bur oak, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BbhA:					
Bartle-----	American elder, black chokeberry, common winterberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BcrAW:					
Beanblossom-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
BdB:					
Bedford-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark,	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce,	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.

		redosier dogwood, silky dogwood, spicebush.	dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	hawthorn.	tuliptree, Virginia pine, white oak, white spruce.	
BdhAH: Bellcreek-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
BeG: Berks-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
Bf: Birds-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
BlF: Bloomfield-----	American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, eastern redcedar, hackberry, serviceberry, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, red maple, river birch, silver maple, Virginia pine.	Eastern cottonwood, imperial Carolina poplar.	
BmB: Bloomfield-----	American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, eastern redcedar, hackberry, serviceberry, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, red maple, river birch, silver maple, Virginia pine.	Eastern cottonwood, imperial Carolina poplar.	
Alvin-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, northern red oak, Norway spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.	
BmC2: Bloomfield-----	American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, eastern redcedar, hackberry, serviceberry, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, red maple, river birch, silver maple, Virginia pine.	Eastern cottonwood, imperial Carolina poplar.	
Alvin-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, northern red oak, Norway spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.	
Bn: Bobtown-----	American elder, common juniper, coralberry, gray dogwood, highbush	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry,	American plum, eastern redcedar, hackberry, northern white-	Baldcypress, black walnut, blackgum, bur oak, northern red oak, Norway	Eastern cottonwood, eastern white pine, green ash,	

	cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	cedar, prairie crabapple, serviceberry, Washington hawthorn.	spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
BoD2: Bonnell-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BodAV: Bonnie-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BpD3: Bonnell-----	American elder, black chokeberry, highbush cranberry, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	Black oak, chinkapin oak, hackberry, northern white- cedar, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, northern red oak, Norway spruce, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
CcB2: Cincinnati-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
CcC2: Cincinnati, eroded	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
CcC3: Cincinnati, severely eroded--	American elder, black chokeberry, highbush cranberry, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	Black oak, chinkapin oak, hackberry, northern white- cedar, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, northern red oak, Norway spruce, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
ClfA: Cobbsfork-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood,	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, overcup oak, shingle oak.	Baldcypress, blackgum, bur oak, green ash, Norway spruce, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.

	spicebush.				
CoD:					
Coolville-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Df:					
Driftwood-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
DuA:					
Dubois-----	American elder, black chokeberry, common winterberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
DuB2:					
Dubois-----	American elder, black chokeberry, common winterberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
FoA:					
Fox-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ockley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
FrD2:					
Frederick-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, northern red oak, Norway spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
Crider-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark,	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple,	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak,	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river

	redosier dogwood, silky dogwood, spicebush.	sumac, staghorn sumac, wild sweet crab, witchhazel.	serviceberry, Washington hawthorn.	white oak.	birch, silver maple, tuliptree, white ash.
Gilpin-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ge:					
Genesee-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
GnD3:					
Gilpin-----	American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, eastern redcedar, hackberry, serviceberry, Washington hawthorn.	Black oak, blackgum, bur oak, eastern white pine, green ash, red maple, river birch, silver maple, Virginia pine.	Eastern cottonwood, imperial Carolina poplar.
GnF:					
Gilpin-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
GpD:					
Gilpin-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Wellston-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
HdA:					
Haubstadt-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
HdB2:					
Haubstadt-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Hm:					
Haymond-----	American elder, black chokeberry,	Arrowwood, hazel alder, prairie	Cockspur hawthorn, hackberry,	Baldcypress, black walnut, blackgum,	Eastern cottonwood, green

	highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	crabapple, roughleaf dogwood, wild sweet crab.	northern white- cedar, shingle oak, Washington hawthorn.	bur oak, pin oak, swamp white oak, sweetgum.	ash, imperial Carolina poplar, red maple, river birch, silver maple.
HrE:					
Hickory-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
KtF:					
Kurtz-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Eastern redcedar, hackberry, northern white- cedar, Washington hawthorn.	Baldcypress, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, Norway spruce, Virginia pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ly:					
Lyles-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, overcup oak, shingle oak.	Baldcypress, blackgum, bur oak, green ash, Norway spruce, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MfxA:					
Martinsville, sandy substratum	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
MkB2:					
Markland-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, northern red oak, Norway spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
MmC3:					
Markland-----	Black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, silky dogwood.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Black oak, blackgum, eastern white pine, green ash, northern red oak, Norway spruce, pin oak, swamp white oak, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MrA:					
McGary-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MtB2:					
Medora-----	American elder, black chokeberry,	Arrowwood, blackhaw,	American plum, eastern redcedar,	Baldcypress, black oak, blackgum,	Eastern cottonwood,

	common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	hackberry, northern white- cedar, serviceberry, Washington hawthorn.	bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	imperial Carolina poplar, red maple, river birch, silver maple.
MtC2: Medora-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
NaaA: Nabb-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
NaaB2: Nabb-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
NeD2: Negley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
NgE: Negley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
NnA: Nineveh variant---	Silky dogwood.	American cranberrybush.	Washington hawthorn, arborvitae, blue spruce, white fir.	Austrian pine, Norway spruce.	Pin oak, eastern white pine.
Omcz: Orthents-----	---	---	---	---	---
Otc2: Otwell-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark,	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce,	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.

		redosier dogwood, silky dogwood, spicebush.	dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	hawthorn.	tuliptree, Virginia pine, white oak, white spruce.	
OtC3:						
Otwell-----	American elder, black chokeberry, highbush cranberry, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	Black oak, chinkapin oak, hackberry, northern white- cedar, Washington hawthorn.	Blackgum, bur oak, eastern white pine, green ash, northern red oak, Norway spruce, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
PaB2:						
Parke-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.	
PaC2:						
Parke-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.	
PeB2:						
Pekin-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
PhaA:						
Peoga-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, overcup oak, shingle oak.	Baldcypress, blackgum, bur oak, green ash, Norway spruce, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
Pp:						
Piopolis, drained-	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
RaC3:						
Rarden-----	American cranberrybush, common juniper, coralberry, gray dogwood, silky dogwood.	Blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, smooth sumac, southern arrowwood, staghorn sumac.	American plum, chinkapin oak, common serviceberry, eastern redcedar, northern white- cedar, Washington hawthorn.	Black oak, blackgum, chinkapin oak, common hackberry, green ash, Norway spruce, Virginia pine.	Eastern cottonwood, imperial Carolina poplar.	
RdD3:						
Rarden-----	American elder, common juniper, coralberry,	Arrowwood, blackhaw, prairie crabapple,	American plum, eastern redcedar, hackberry,	Black oak, blackgum, bur oak, eastern	Eastern cottonwood, imperial Carolina	

		highbush cranberry, silky dogwood.	roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	serviceberry, Washington hawthorn.	white pine, green ash, red maple, river birch, silver maple, Virginia pine.	poplar.
RoA:						
Roby Variant-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, bur oak, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
RtxAH:						
Rosburg-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.	
Ru:						
Ruark Variant----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, overcup oak, shingle oak.	Baldcypress, blackgum, bur oak, green ash, Norway spruce, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
Sf:						
Steff-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.	
Sg:						
Steff-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	Baldcypress, black cherry, black walnut, blackgum, cherrybark oak, northern red oak, Norway spruce, pecan, pin oak, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.	
SldAH:						
Shoals-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, pawpaw, roughleaf dogwood.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, overcup oak, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, green ash, pecan, pin oak, Shumard's oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
Sn:						
Stendal-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, pawpaw, roughleaf dogwood.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, overcup oak, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, green ash, pecan, pin oak, Shumard's oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	
SsC2:						
Stonehead-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood,	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree,	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.	

		silky dogwood, spicebush.	sumac, smooth sumac, staghorn sumac, witchhazel.		Virginia pine, white oak, white spruce.	
St:						
Stonelick-----		Gray dogwood, redosier dogwood, silky dogwood.	Nannyberry, pawpaw, roughleaf dogwood.	Hackberry, northern white- cedar, Washington hawthorn.	Bitternut hickory, black walnut, bur oak.	American sycamore, eastern cottonwood, green ash, imperial Carolina poplar.
StdAQ:						
Stendal-----		American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, bur oak, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
SyA:						
Stoy-----		American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
TlB2:						
Tilsit-----		American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
TlC2:						
Tilsit-----		American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, eastern redcedar, hackberry, northern white- cedar, serviceberry, Washington hawthorn.	Baldcypress, black oak, blackgum, bur oak, chinkapin oak, green ash, northern red oak, Norway spruce, tuliptree, Virginia pine, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ud:						
Udorthents-----		---	---	---	---	---
poorly drained						
aquent-----		Black chokeberry, coralberry, gray dogwood, mapleleaf arrowwood.	American plum, blackhaw, nannyberry, roughleaf dogwood.	Eastern redcedar, hackberry, northern white- cedar, shadbush, tamarack, witchhazel.	Baldcypress, eastern white pine, green ash, Norway spruce, southern red oak, tuliptree.	Eastern cottonwood, pin oak.
W:						
Water-----		---	---	---	---	---
Wa:						
Wakeland-----		American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, pawpaw, roughleaf dogwood.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, overcup oak, shingle oak, Washington hawthorn.	Baldcypress, blackgum, cherrybark oak, green ash, pecan, pin oak, Shumard's oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
WeD2:						
Wellston-----		American elder,	Arrowwood,	American plum,	Baldcypress, black	Eastern

	common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, Washington hawthorn.	walnut, blackgum, bur oak, northern red oak, Norway spruce, pin oak, swamp white oak, sweetgum, Virginia pine.	cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
Wk: Whitaker-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Wo: Whitaker variant--	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Wr: Wilbur-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, hazel alder, prairie crabapple, roughleaf dogwood, wild sweet crab.	Cockspur hawthorn, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, black walnut, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
WsyAQ: Whitaker-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, Washington hawthorn.	Baldcypress, blackgum, bur oak, cherrybark oak, eastern white pine, green ash, Norway spruce, pecan, pin oak, Shumard's oak, swamp chestnut oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Wt: Wilhite-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Zp: Zipp-----	American elder, black chokeberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, hackberry, northern white- cedar, overcup oak.	Baldcypress, blackgum, bur oak, pin oak, swamp white oak, sweetgum.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.